Client's ref.: TSMC2003-1006/PE:DCLin
Our ref.: 0503-A30092-USf/Jonah/Steve/Nelson

## ABSTRACT OF THE DISCLOSURE

A system and method for automated sorter operations
including a storage device and a sorting module. The storage
device stores multiple process records, each record including
5    an identity and a current status. The sorting module receives
a wafer lot identity and acquires the current status from the
process record accordingly. The sorting module issues a first
status setting instruction to a manufacturing execution system
(MES) to release the wafer lot, issues a flow instruction with
10   sorting recipes directing the MES to perform a sorter operation,
and issues a second status setting Instruction to the MES to hold
or bank the wafer lot.